

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	98216	(vend\$3 or dispens\$4) near4 (machine\$2 or device\$2 or apparatus\$2)	USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM_TDB	2002/ 08/08 15:04
2	BRS	L2	1473136	(bin adj portion) or hopper\$2 or tray\$2 or receptacle\$2 or compartment\$2 or container\$2	USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM_TDB	2002/ 08/08 15:06
3	BRS	L3	35802	(selected or vended or chosen) near3 (product\$2 or article\$2)	USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM_TDB	2002/ 08/08 15:10
4	BRS	L4	1711483	sensor\$2 or sense or senses or sensing or sensed	USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM_TDB	2002/ 08/08 15:12
5	BRS	L5	546	1 and 2 and 3 and 4	USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM_TDB	2002/ 08/08 15:13

	Type	L #	Hits	Search Text	DBs	Time Stamp
6	BRS	L6	110874	(transparent or glass) same display\$3	USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM_TDB	2002/ 08/08 15:14
7	BRS	L7	33	5 and 6	USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM_TDB	2002/ 08/08 15:15
8	BRS	L8	1415822	optical\$4	USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM_TDB	2002/ 08/08 16:06
9	BRS	L9	170	5 and 8	USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM_TDB	2002/ 08/08 16:06
10	BRS	L1 0	154	9 not 7	USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM_TDB	2002/ 08/08 16:07

	Type	L #	Hits	Search Text	DBs	Time Stamp
11	BRS	L1 1	26	("4252250" "4359147" "4412607" "4494675" "4573606" "4776487" "4869392" "4871054" "5111962" "5201429" "5207784" "5229749" "5238145" "5273183" "5280845" "5344043" "5346466" "5490610" "5625198" "5651479" "5813568" "5847389" "5884806" "5927539" "5992030" "6064921") .PN.	USPAT	2002/ 08/08 16:13
12	BRS	L1 2	10	("4023704" "4045626" "4355733" "4492979" "4560088" "4638922" "4942979" "5303844" "5553736" "6041962") .PN.	USPAT	2002/ 08/08 16:36
13	BRS	L1 5	6286	250/223R,224,216,221;221/1 ,21,67,131,155,194-196.ccl s.	USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM_TDB	2002/ 08/08 17:07
14	BRS	L1 6	6264	15 not 10	USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM_TDB	2002/ 08/08 17:08

	Document ID	1	Issue Date	Pages	Title	Current OR	Current XRef
1	US 4869392 A	<input checked="" type="checkbox"/>	1989 0926	15	Medication dispenser and method of dispensing medication	221/1	221/12; 221/15; 221/155; ; 221/2; 221/241; ; 221/281; ; 221/288; ; 221/298
2	US 5303844 A	<input checked="" type="checkbox"/>	1994 0419	11	Automated apparatus, system and method for reliably vending articles of increased value	221/1	221/13; 221/75; 235/381
3	US 4252250 A	<input checked="" type="checkbox"/>	1981 0224	11	Multiple-beam optical sensing system for an article vendor	221/13	221/195; ; 221/255; ; 250/223 R
4	US 5927539 A	<input checked="" type="checkbox"/>	1999 0727	18	Modular vending machine with a dispensing detection device	221/2	221/191; ; 221/194
5	US 20010000609 A1	<input checked="" type="checkbox"/>	2001 0503	44	Vending machine	221/6	221/133
6	US 5553736 A	<input checked="" type="checkbox"/>	1996 0910	17	Vending apparatus	221/62	221/101; ; 221/193; ; 221/283; ; 221/304; ; 221/65; 221/75
7	US 4023704 A	<input checked="" type="checkbox"/>	1977 0517	14	Helical feed merchandising machine	221/75	221/129; ; 221/281

	Document ID	1	Issue Date	Pages	Title	Current OR	Current XRef
8	US 6155455 A	<input checked="" type="checkbox"/>	2000 1205	66	Vending machine	221/97	221/130 ; 221/131 ; 221/155
9	US 6384402 B1	<input checked="" type="checkbox"/>	2002 0507	29	Optical vend-sensing system for control of vending machine	250/223 R	221/194 ; 250/216 ; 250/221
10	US 5625198 A	<input checked="" type="checkbox"/>	1997 0429	9	Two-dimensional positioning apparatus with optical sensors aligned to avoid interference	250/559 .29	250/559 .33; 269/73; 901/47

	Document ID	1	Issue Date	Pages	Title	Current OR	Current XRef
1	US 4359147 A	<input type="checkbox"/>	1982 1116	11	Means to control vending functions	194/200	194/218; ; 221/13; 221/15; 221/21; 700/232; ; 700/244
2	US 4871054 A	<input type="checkbox"/>	1989 1003	16	Vending machine	194/212	194/906; ; 221/4; 221/6; 221/90
3	US 4412607 A	<input type="checkbox"/>	1983 1101	10	Vending machine with improved means for dispensing products at a predetermined price	194/216	221/21
4	US 5201429 A	<input type="checkbox"/>	1993 0413	6	Gravity-feed flow-rack storage system	211/59. 2	221/2; D34/21
5	US 5111962 A	<input type="checkbox"/>	1992 0512	19	Vending apparatus with intelligent dispensation control	221/1	221/129; ; 221/13; 221/15
6	US 4869392 A	<input checked="" type="checkbox"/>	1989 0926	15	Medication dispenser and method of dispensing medication	221/1	221/12; 221/15; 221/155; ; 221/2; 221/241; ; 221/281; ; 221/288; ; 221/298

	Document ID	1	Issue Date	Pages	Title	Current OR	Current XRef
7	US 4494675 A	<input type="checkbox"/>	1985 0122	8	Article dispensing machine with anti-theft structure	221/13	194/906; 221/129; 221/196
8	US 4252250 A	<input checked="" type="checkbox"/>	1981 0224	11	Multiple-beam optical sensing system for an article vendor	221/13	221/195; 221/255; 250/223R
9	US 5927539 A	<input checked="" type="checkbox"/>	1999 0727	18	Modular vending machine with a dispensing detection device	221/2	221/191; 221/194
10	US 5490610 A	<input type="checkbox"/>	1996 0213	8	Semi-automated medication dispenser	221/2	221/211
11	US 5280845 A	<input type="checkbox"/>	1994 0125	12	Earplug dispenser	221/2	221/1; 221/186; 221/197; 221/203; 221/22; 221/258; 221/264; 221/265; 221/277; 221/281; 221/287
12	US 4776487 A	<input type="checkbox"/>	1988 1011	14	Control device for a vending machine dispensing mechanism	221/2	221/116; 221/13; 221/21
13	US 4573606 A	<input type="checkbox"/>	1986 0304	10	Automatic pill dispenser and method of administering medical pills	221/2	221/15; 221/197; 221/3

	Document ID	1	Issue Date	Pages	Title	Current OR	Current XRef
14	US 5238145 A	<input type="checkbox"/>	1993 0824	13	Flexible ejector mechanism for a cartridge dispenser in an automated order system	221/260	221/270
15	US 5813568 A	<input type="checkbox"/>	1998 0929	10	Dispensing machine for newspapers and magazines	221/6	221/14; 221/17; 221/195; ; 221/258; ; 221/279
16	US 5207784 A	<input type="checkbox"/>	1993 0504	13	Vending machine with monitoring system	221/6	221/14
17	US 5273183 A	<input type="checkbox"/>	1993 1228	22	Article vending machine	221/7	221/121; ; 221/13; 221/76; 221/8; 235/381; ; 414/274
18	US 5344043 A	<input type="checkbox"/>	1994 0906	27	Dispenser especially adapted for dispensing medication units	221/71	221/233; ; 242/538. 3
19	US 5884806 A	<input type="checkbox"/>	1999 0323	22	Device that counts and dispenses pills	221/75	221/13; 221/2; 221/7; 221/9; 700/231; ; 700/232; ; 700/236; ; 700/237; ; 700/241
20	US 5651479 A	<input type="checkbox"/>	1997 0729	13	Mass flow generator	222/196	222/564

	Document ID	1	Issue Date	Pages	Title	Current OR	Current XRef
21	US 5847389 A	<input type="checkbox"/>	1998 1208	29	Seed monitoring system for counting seeds as they are dispensed through seed tubes in an air seeding system	250/222 .2	221/174 ; 250/223 R; 377/6
22	US 5625198 A	<input checked="" type="checkbox"/>	1997 0429	9	Two-dimensional positioning apparatus with optical sensors aligned to avoid interference	250/559 .29	250/559 .33; 269/73; 901/47
23	US 5229749 A	<input type="checkbox"/>	1993 0720	7	Security system for cigarette display case	340/568 .8	221/2; 221/3; 340/526 ; 340/529 ; 340/539
24	US 5992030 A	<input type="checkbox"/>	1999 1130	4	Gun sighting enhancement	42/144	
25	US 5346466 A	<input type="checkbox"/>	1994 0913	22	Drop detection method and apparatus	604/253	128/DIG .13; 604/246
26	US 6064921 A	<input type="checkbox"/>	2000 0516	17	Product dispensing apparatus	700/242	221/129 ; 700/216